

FORM PTO-1595

REC

05-16-2000

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

MVO 28 MAY -3 PM 12:47

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OPR/TINANCE

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  Volker Schellenberger, Amy D. Liu, and Olga Selifonova	2. Name and address of receiving party(les):  Genencor International, Inc. 925 Page Mill Road Palo Alto, California 94304 USA
2. Nature of conveyance:  <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other	
Execution Date: 28 April, 02 and 04 May 2000	Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

## A. Patent Application No.(s)

09/314,847

## B. Patent No.(s)

Additional numbers attached?  Yes  No

## 5. Name and address of party to whom correspondence concerning document should be sent:

Name: Christopher L. STONE  
 Address: GENENCOR INTERNATIONAL, INC.  
 925 Page Mill Road  
 Palo Alto, California 94304-1013

## 6. Total number of applications and patents involved: 1

7. Total fee (34 CFR 3.41) ..... \$ 40.00

 Enclosed Authorized to be charged to deposit account

8. Deposit Account number: 07-1048

DO NOT USE THIS SPACE

## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy a true copy of the original document.

Christopher L. STONE

Name of Person Signing

Signature

5 May 2000

Date

Total number of pages comprising cover sheet:

3

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JULY 14, 2000

PTAS

GENENCOR INTERNATIONAL, INC.  
 CHRISTOPHER L. STONE  
 925 PAGE MILL ROAD  
 PALO ALTO, CALIFORNIA 94304-1013

6L560\*

UNITED STATES DEPARTMENT OF COMMERCE  
**Patent and Trademark Office**  
 ASSISTANT SECRETARY AND COMMISSIONER  
 OF PATENTS AND TRADEMARKS  
 Washington, D.C. 20231



\*101357167A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
 NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 05/08/2000

REEL/FRAME: 010780/0498  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

## ASSIGNOR:

SCHELLENBERGER, VOLKER

DOC DATE: 05/02/2000

## ASSIGNOR:

LIU, AMY D.

DOC DATE: 04/28/2000

## ASSIGNOR:

SELIFONOVA, OLGA

DOC DATE: 05/04/2000

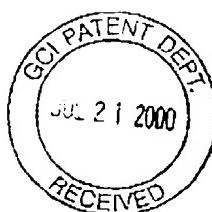
## ASSIGNEE:

GENENCOR INTERNATIONAL, INC.  
 925 PAGE MILL ROAD  
 PALO ALTO, CALIFORNIA 94304

SERIAL NUMBER: 09314847

FILING DATE: 05/19/1999  
ISSUE DATE:

PATENT NUMBER:



Entered into Database  
*No Docketing Req'd*

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ALLYSON PURNELL, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

UNITED STATES

**Assignment**

WHEREAS, Volker SCHELLENBERGER, a German citizen, residing at 914 Moreno Avenue, Palo Alto, California 94303; Amy D. LIU, a Canadian citizen, residing at 426 Esquela Avenue, Mountain View, California 94040; and Olga V. SELIFONOVA, a Russian citizen, residing at 2240 Homestead Ct. #214, Los Altos, California 94024, invented a new and useful invention entitled DIRECTED EVOLUTION OF MICROORGANISMS for which an application for United States Letters Patent was filed under Serial Number 09/314,847, on 19 May 1999; and

WHEREAS, Genencor International, Inc., a corporation organized and existing under and by virtue of the laws of the State of Delaware, having its principal place of business at 925 Page Mill Road, Palo Alto, California 94304, is desirous of acquiring an interest in and to said invention, and in the Letters Patents to be obtained therefor;

NOW, THEREFORE, be it known by all whom it may concern:

That for good and valuable consideration the receipt of which is hereby acknowledged, the said inventors have and do hereby sell, assign, transfer and set over unto the said Genencor International, Inc., its successors and assigns, the full and exclusive right, title and interest, including all rights under the Paris Convention for the Protection of Industrial Property, in and to said invention, and in and to any and all Letters Patents to be granted and issued therefor, not only for, to and in the United States of America, its territories and possessions, but for, to and in all other countries, and it has been and is hereby authorized and requested that the appropriate government agencies issue said Letters Patents to said Genencor International, Inc. in accordance with this Assignment.

Said Inventors hereby covenant and agree to cooperate with Genencor International, Inc. to enable said Genencor International, Inc. to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers and other assistance, all to the extent deemed necessary or desirable by said Genencor International, Inc. for (a) perfecting the right, title and interest herein conveyed, (b) prosecuting any of said applications, (c) filing and prosecuting applications for reissuance of any said patents, (d) interference or other priority proceedings involving said invention, and (e) legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions, provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Genencor International, Inc.

The terms and covenants of this Assignment shall inure to the benefit of said Genencor International, Inc., its successors, assigns and other legal representatives, and shall be binding upon said Inventors, their respective heirs, legal representatives and assigns.

Said Inventors hereby warrant and represent that they have not entered and will not enter into any assignment, contract or understanding in conflict herewith.

IN WITNESS WHEREOF I undersign as follows:

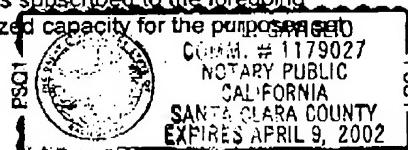
Volker Schellenberger

Volker SCHELLENBERGER

STATE OF CALIFORNIA  
COUNTY OF SANTA CLARA )

On the 2 day of May 2000, before me, Notary Public, personally appeared Volker SCHELLENBERGER, personally known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same in his authorized capacity for the purposes set forth therein.

Witness my hand and official seal.



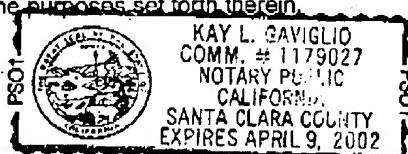
Kay L. Gaviglio  
Notary Public

Amy D. Liu  
Amy D. LIU

STATE OF CALIFORNIA  
COUNTY OF SANTA CLARA )

On the 28 day of April 2000, before me, Notary Public, personally appeared Amy D. LIU, personally known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same in his authorized capacity for the purposes set forth therein.

Witness my hand and official seal.



Notary Public

Olga V. Selifanova  
Olga V. SELIFONOVA

STATE OF CALIFORNIA  
COUNTY OF SANTA CLARA )

On the 4 day of May 2000, before me, Notary Public, personally appeared Olga V. SELIFONOVA, personally known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same in his authorized capacity for the purposes set forth therein.

Witness my hand and official seal.



Notary Public